

Converting Colors

XYZ(16.8586, 14.3917, 16.4902)

Have a look what the booklet for
XYZ(16.8586, 14.3917, 16.4902)
contains.

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Color

**XYZ(16.8442, 14.4394,
16.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	875F6D
RGB	135, 95, 109
RGB Percent	53%, 37%, 43%
CMY	0.4706, 0.6274, 0.5725
CMYK	0.00, 0.30, 0.19, 0.47
HSL	339°, 17%, 45%
HSV	339°, 30%, 53%
XYZ	16.8442, 14.4394, 16.3673
YIQ	108.5560, 19.3460, 12.8340

Conversions

Conversions Part 2

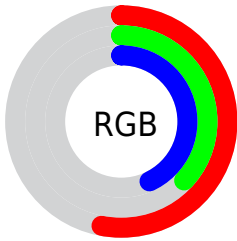
Format	Color
R_{YB}	135, 95, 109
Decimal	8871789
CIE Lab	44.86, 18.54, -1.42
CIE LCh	45, 18.591, 355.631
Yxy	14.4394, 0.3535, 0.3030
Android (android.graphics.Color)	4287061869 (0xFF875F6D)
YUV	108.5560, 0.2189, 23.1914
Hunter-Lab	37.9992, 12.6264, 1.0616

Details

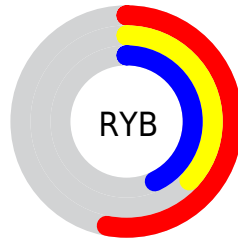
The XYZ color **16.8442, 14.4394, 16.3673** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8351, 21.1417, 21.2836**, and the grayscale version is **14.4061, 15.1564, 16.5053**.

A 20% lighter version of the original color is **37.6103, 33.9147, 37.8216**, and **5.5826, 4.3465, 5.1022** is the 20% darker color. If you saturate the color by 10%, you get **15.2829, 12.0353, 13.6314**, and if you desaturate by 10%, it is **18.6643, 17.2852, 19.4226**.

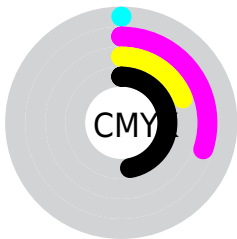
Distribution



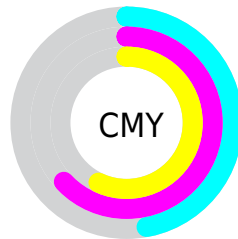
- Red (53%)
- Green (37%)
- Blue (43%)



- Red (53%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8442, 14.4394, 16.3673 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.8442, 14.4394, 16.3673 by changing the saturation by 10% instead.

■ 16.8442, 14.4394,
16.3673

■ 16.8442, 14.4394,
16.3673

227.4467,
219.9475, 243.4187

■ 10.2181, 8.4269,
9.6273

■ 37.6034, 33.8667,
38.0103

■ 5.6072, 4.3693,
5.0502

■ 52.4673, 48.0502,
53.7504

■ 2.6461, 1.8822,
2.2175

■ 70.8077, 65.7263,
73.3275

■ 0.9695, 0.5377,
0.6844

■ 92.9902, 87.2792,
97.1603

■ 0.0000, 0.0000,
0.0000

119.3799,
113.0934, 125.6673

150.3424,

143.5532, 159.2670

186.2429,
179.0431, 198.3780

■ 16.8442, 14.4394,
16.3673

■ 16.8442, 14.4394,
16.3673

■ 15.2829, 12.0353,
13.6314

■ 18.6643, 17.2852,
19.4226

■ 13.9669, 10.0487,
11.2030

■ 20.7533, 20.5914,
22.8066

■ 12.8832, 8.4558,
9.0709

■ 23.1224, 24.3782,
26.5295

■ 12.0174, 7.2301,
7.2228

■ 25.7817, 28.6637,
30.6006

■ 11.3530, 6.3411,
5.6453

■ 28.7407, 33.4652,
35.0290

■ 10.8712, 5.7540,
4.3237

■ 32.0086, 38.7993,
39.8234

■ 10.5219, 5.3717,
3.2325

■ 35.5943, 44.6817,
44.9920

■ 10.5098, 5.3582,
3.1956

■ 39.5060, 51.1275,
50.5431

■ 43.7519, 58.1511,
56.4844

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.2765, 14.4394, 20.9273



16.8442, 14.4394, 16.3673



16.5268, 14.4394, 12.3770

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.8442, 14.4394, 16.3673



12.5003, 14.4394, 9.3270



12.1420, 14.4394, 23.6781

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.8442, 14.4394, 16.3673



16.8351, 21.1417, 21.2836

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.2579, 14.4394, 19.6212



16.8442, 14.4394, 16.3673



11.4538, 14.4394, 11.4605

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.8442, 14.4394, 16.3673



13.9477, 14.4394, 8.7748



11.0154, 14.4394, 15.0940



13.5031, 14.4394, 25.6135

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.8442, 14.4394, 16.3673



15.8675, 14.4394, 10.4728



11.0154, 14.4394, 15.0940



11.7832, 14.4394, 22.4847

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.8446, 14.4401, 16.3676



37.3353, 37.1462, 41.1135



16.3511, 13.9993, 24.7622



8.5274, 8.4133, 9.3315



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.8446, 14.4401, 16.3676



28.1120, 22.6902, 25.7368



16.7114, 15.2851, 12.8968



4.7349, 4.7136, 5.2163



9.6972, 4.9432, 2.9777



0.0368, 0.0184, 0.0272

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.8446, 14.4401, 16.3676



28.1120, 22.6902, 25.7368



16.9432, 19.8831, 25.8667



4.7349, 4.7136, 5.2163



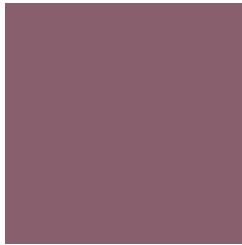
9.6972, 4.9432, 2.9777



0.0368, 0.0184, 0.0272

Previews

White Background



This preview shows how the XYZ color 16.8442, 14.4394, 16.3673 looks on a white background.

Color Contrast Check

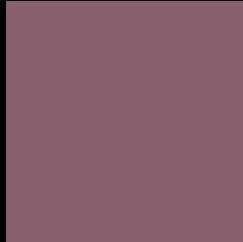
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.8442, 14.4394, 16.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

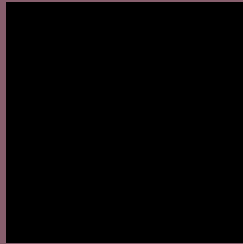
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8442, 14.4394, 16.3673

Background



This preview shows how black text looks on a background with the XYZ color 16.8442, 14.4394, 16.3673.



This preview shows how white text looks on a background with the XYZ color 16.8442, 14.4394,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.8442, 14.4394, 16.3673

Protanopia

14.1924, 14.6100, 18.2917

Deuteranopia

14.7595, 14.4962, 16.2075



Tritanopia

16.4626, 14.4133, 14.7463

Trichromacy



Original Color

16.8442, 14.4394, 16.3673

Protanomaly

15.0681, 14.4769, 17.6229

Deuteranomaly

15.4323, 14.4080, 16.1550

Tritanomaly

16.5642, 14.4540, 15.2815

Monochromacy



Original Color

16.8442, 14.4394, 16.3673

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1818, 14.8563, 16.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8442, 14.4394, 16.3673 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(135, 95, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 95, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.8442, 14.4394, 16.3673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 95, 109) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 95, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(135, 95,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8442, 14.4394, 16.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 95, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135, 95,  
109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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